

Title (en)

SYSTEM AND METHOD FOR IONIZATION OF MOLECULES FOR MASS SPECTROMETRY AND ION MOBILITY SPECTROMETRY

Title (de)

SYSTEM UND VERFAHREN ZUR IONISATION VON MOLEKÜLEN FÜR DIE MASSENSPEKTROMETRIE UND IONENMOBILITÄTSSPEKTROMETRIE

Title (fr)

SYSTÈME ET PROCÉDÉ POUR IONISER DES MOLÉCULES POUR UNE SPECTROMÉTRIE DE MASSE ET UNE SPECTROMÉTRIE DE MOBILITÉ IONIQUE

Publication

EP 2612345 B1 20200408 (EN)

Application

EP 11822641 A 20110901

Priority

- US 201161493400 P 20110603
- US 37947510 P 20100902
- US 201161446187 P 20110224
- US 39124810 P 20101008
- US 2011050150 W 20110901

Abstract (en)

[origin: WO2012031082A2] An ionizing system includes a channel having an inlet disposed in a first pressure region and an outlet disposed in a second pressure region, a pressure of the first pressure region being greater than a pressure of the second pressure region. A heater is coupled to the channel and configured to heat the channel. A device is configured to introduce an analyte into the channel where the analyte is ionized.

IPC 8 full level

H01J 49/04 (2006.01); **H01J 49/10** (2006.01)

CPC (source: EP US)

H01J 49/0404 (2013.01 - EP US); **H01J 49/0468** (2013.01 - EP US); **H01J 49/10** (2013.01 - EP US)

Citation (examination)

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- PAGE J S ET AL: "Biases in Ion Transmission Through an Electrospray Ionization-Mass Spectrometry Capillary Inlet", JOURNAL OF THE AMERICAN SOCIETY FOR MASS SPECTROMETRY, ELSEVIER SCIENCE INC, US, vol. 20, no. 12, 1 December 2009 (2009-12-01), pages 2265 - 2272, XP026766409, ISSN: 1044-0305, [retrieved on 20090902], DOI: 10.1016/J.JASMS.2009.08.018
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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

WO 2012031082 A2 20120308; WO 2012031082 A3 20120510; EP 2612345 A2 20130710; EP 2612345 A4 20161221; EP 2612345 B1 20200408; US 10128096 B2 20181113; US 10796894 B2 20201006; US 2013214154 A1 20130822; US 2017148621 A1 20170525; US 2019096649 A1 20190328; US 9552973 B2 20170124

DOCDB simple family (application)

US 2011050150 W 20110901; EP 11822641 A 20110901; US 201113819487 A 20110901; US 201715401253 A 20170109; US 201816186763 A 20181112